

## ABSTRACT OF DISCLOSURE

Abstract of Disclosure

An image processing apparatus comprises a noise detection means for performing noise detection on an input image; a noise removal means for removing noise from a predetermined region of the input image, on the basis of the result of the noise detection; a counting means for obtaining the ratio of an area targeted for noise removal to the predetermined region of the input image; a statistics calculation means for obtaining the statistics on the ratios obtained by the counting means over a predetermined period of time; an image generation means for generating an image indicating the statistics; and an image composition means for superimposing the image generated by the image generation means on the image outputted from the noise removal means to generate a composite image for display. Therefore, the viewer can easily know how much noise is removed from the predetermined region of the input image, for every predetermined period of time.